GLO™ GLONASS and GPS Sensor

Instructions

Made for iPod iPhone iPad

August 2012 190-01492-00_0B Printed in Taiwan

Installing the Battery

⚠ WARNING

This product contains a lithium-ion battery. See page 5 for important battery safety information.

1. With your thumbnail, slide the battery cover release tab ①.

2. Remove the battery cover ②.
3. Locate the metal contacts on the end of the lithium-ion battery.
4. Insert the battery ③ so the metal contacts on the battery align with the metal contacts inside the battery compartment.
5. Press the battery down into place.
6. Insert the battery cover into the notches and press down.

   The release tab locks the cover in place.

Replacement Battery

You can purchase a replacement battery (010-10840-00) at http://buy.garmin.com.

Charging the Battery

You can use the sensor while you are charging it.

1. Plug the small end of the power cable into the mini-USB connector on the end of the sensor.
2. Plug the other end of the power cable into an appropriate source of power for the cable type.

It takes about three hours to charge the battery. A fully charged battery lasts about 12 hours.

NOTE: If the battery has not been charged for a long period of time, remove the battery, connect the cable to the device and a power source, and then replace the battery. The battery will charge as usual.

Pairing the Sensor

1. Hold ⏻ to turn on the sensor.
2. Turn on the other device and enable the Bluetooth component.

   You can refer to the device's documentation for specific instructions about enabling Bluetooth wireless technology.
3. Bring the sensor within 30 feet (10 meters) of the mobile device.
4. Using the mobile device, pair the sensor with the mobile device.

The blue LED is solid blue when the sensor is connected to the other device.

If the sensor has not established a Bluetooth connection for several minutes, it turns off automatically.

Bluetooth LED

LED	Description
Slow flashing blue	Searching for mobile devices
Rapid flashing blue	Pairing
Solid blue	Connected to mobile device

Status LED

LED	Description
Slow flashing orange	Charging
Solid orange	Battery charged, power connected.
Orange off	Battery charged, power disconnected.
Rapid flashing orange	Low battery
Alternating orange and green	Faulty battery or system error
Flashing green	Searching for GPS satellites
Solid green	GPS satellite fix

Acquiring Satellite Signals

1. Verify that the blue LED on the sensor is solid blue, indicating a wireless connection.
2. Place the sensor where it has a clear view of the sky.

Acquiring satellite signals may take a few minutes. The Status LED flashes green while searching for satellites and establishing your location. The Status LED is solid green when it has established a fix on your location.

Using the Portable Friction Mount

The portable friction mount comes in some GLO packages and is available as an optional accessory.

1. Wipe the mounting surface and the back of the mount with a wet cloth to remove dust and debris.
2. Insert the sensor in the mount so the LEDs face up and the mini-USB port is accessible.
3. Place on a flat surface.

Periodically, you should wipe the surface and the mount with a wet cloth to remove dust and debris to help prevent the mount from sliding.

Product Compatibility

Made for iPod® touch (4th generation), iPod touch (3rd generation), iPhone® 4S, iPhone 4, iPhone 3GS, iPad® 2, and iPad.

"Made for iPod, iPhone, iPad" means that an electronic accessory has been designed to connect specifically to iPod, iPhone, or iPad, respectively, and has been certified by the developer to meet Apple performance standards. Apple is not responsible for the operation of this device or its compliance with safety and regulatory standards. Please note that the use of this accessory with iPod, iPhone, or iPad may affect wireless performance.

The GLO sensor is also compatible with many Android®, Windows® or Blackberry® smartphones, tablets and notebook computers.

When using the GLO GPS/GLONASS sensor with an Android device, you may need to use an application to allow the sensor to properly communicate with the Android system over Bluetooth technology. The application will allow the Android system to accept non-system (or mock) GPS/GLONASS signals.

Registering the Device

- Go to http://my.garmin.com.
- Keep the original sales receipt, or a photocopy, in a safe place.

Specifications

Case: Rugged, but not water-resistant

Power Supply: Rechargeable lithium-ion battery, 12 hours (typical use)

Update Rate: 10 Hz, but not all mobile devices support a 10 Hz update rate.

Vehicle Power Cable* Input Voltage: 12–28 Vdc (*available in some packages)

Operating Temperature: -4°F to 140°F (-20°C to 60°C)

Charging Temperature: 32°F to 113°F (0°C to 45°C)

Short-Term (1 month) Storage Temperature: -4°F to 122°F (-20°C to 50°C)

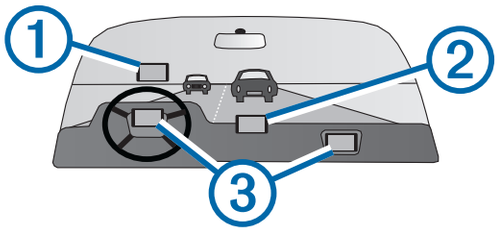
Long-Term (1 year) Storage Temperature: -4°F to 68°F (-20°C to 20°C)

Important Safety and Product Information

⚠ WARNING

Installation Warnings

When installing the device in a vehicle, place the device securely so it does not obstruct the driver's view of the road ① or interfere with vehicle operating controls, such as the steering wheel, foot pedals, or transmission levers. Do not place unsecured on the vehicle dashboard ②. Do not place the device in front of or above any airbag ③.



Battery Warnings

If these guidelines are not followed, the battery may experience a shortened life span or may present a risk of damage to the sensor, fire, chemical burn, electrolyte leak, and/or injury.

- Do not leave the sensor exposed to a heat source or in a high temperature location, such as in the sun in an unattended vehicle. To prevent the possibility of damage, remove the device from the vehicle or store it out of direct sunlight, such as in the glove box.
- Do not use a sharp object to remove the battery.
- Do not disassemble, puncture, incinerate, or damage the battery.
- Keep the battery away from children.

- If using an external battery charger, only use the Garmin accessory approved for your product.
- Only replace the battery with the correct replacement battery. Using another battery presents a risk of fire or explosion. To purchase a replacement battery, see your Garmin dealer or the Garmin website.
- When storing the device for an extended time, store within the following temperature range: from -4°F to 68°F (-20°C to 20°C).
- Do not operate the device outside of the following temperature range: from -4°F to 140°F (-20°C to 60°C).
- Contact your local waste disposal department to dispose of the device/battery in accordance with applicable local laws and regulations.

Navigation Warnings

Use this sensor only as a navigational aid. Do not attempt to use the sensor for any purpose requiring precise measurement of direction, distance, location, or topography. This product should not be used to determine ground proximity for aircraft navigation.

Product Environmental Programs

Information about Garmin's product recycling program and WEEE, RoHS, REACH, and other compliance programs can be found at www.garmin.com/aboutGarmin/environment.

Declaration of Conformity

Hereby, Garmin, declares that this product is in compliance with the essential requirements and other relevant provisions of Directive 1999/5/EC. To view the full Declaration of Conformity, go to www.garmin.com/compliance.

FCC Compliance

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

This equipment has been tested and found to comply with the limits for a

Class B digital device, pursuant to part 15 of the FCC rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy and may cause harmful interference to radio communications if not installed and used in accordance with the instructions. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and the receiver.
- Connect the equipment into an outlet that is on a different circuit from the GPS unit.
- Consult the dealer or an experienced radio/TV technician for help.

This product does not contain any user-serviceable parts. Repairs should only be made by an authorized service center. Unauthorized repairs or modifications could result in permanent damage to the equipment, and void your warranty and your authority to operate this device under Part 15 regulations.

Industry Canada Compliance

Category I radiocommunication devices comply with Industry Canada Standard RSS-210. Category II radiocommunication devices comply with Industry Canada Standard RSS-310. This device complies with Industry Canada license-exempt RSS standard(s). Operation is subject to the following two conditions: (1) this device may not cause interference, and (2) this device must accept any interference, including interference that may cause undesired operation of the device.

Limited Warranty

Garmin's standard limited warranty applies to this accessory. For more information, go to www.garmin.com/support/warranty.html.

www.garmin.com/support

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